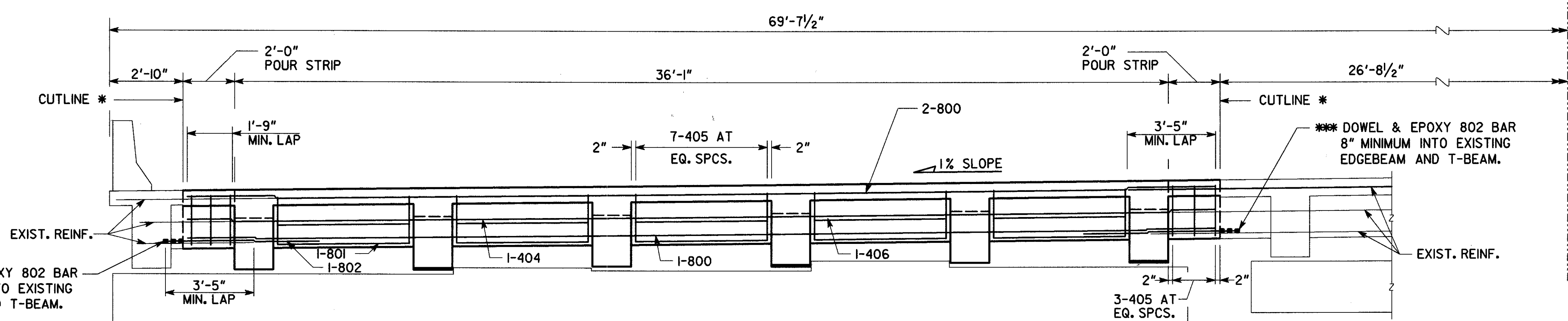
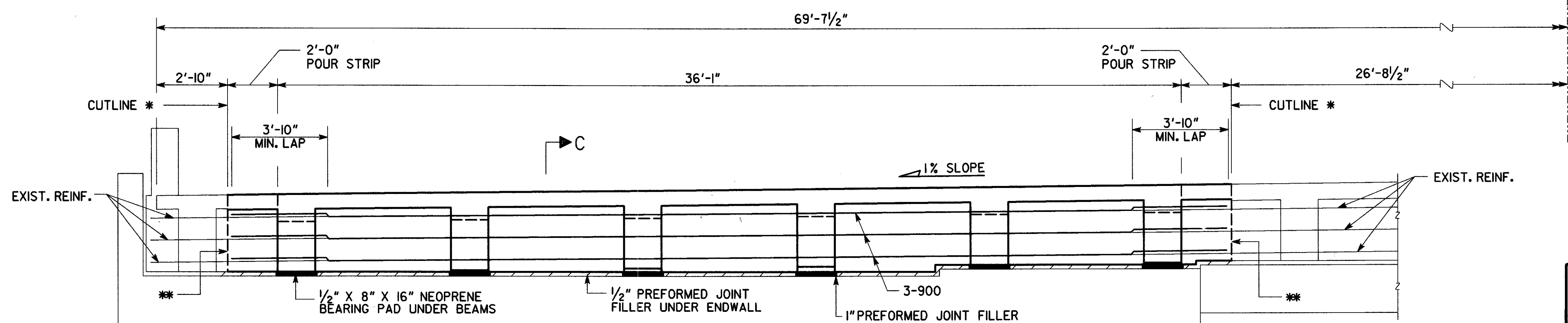


SECTION THRU SLAB



SECTION THRU EDGE BEAM



SECTION THRU ENDWALL

NOTE: 402, 500, AND 504 BARS NOT SHOWN FOR CLARITY.

DIMENSION "D" IS MEASURED FROM TOP OF SLAB TO TOP OF BEAMS AT CENTERLINE BEARING. MAINTAIN A CONSTANT SLAB THICKNESS OF 7/8" BETWEEN BEAMS.

"D" = 1'-0 1/16"

NOTES:

1. LEFT BRIDGE SHOWN, RIGHT BRIDGE IS SYMMETRICAL ABOUT ϕ ROADWAY EXCEPT BEAM NUMBERING.
2. THE CONTRACTOR SHALL PROVIDE BRACING BETWEEN THE EXISTING EXTERIOR BEAM AND THE FIRST NEW INTERIOR BEAM UNTIL THE DECK HAS BEEN POURED AND THE OVERHANG FORMS HAVE BEEN REMOVED AT NO EXTRA COST.
3. * CARE SHALL BE EXERCISED IN REMOVAL TO MAKE THE CUT VERTICAL. EXISTING REINFORCEMENT BARS TO BE SPLICED INTO NEW WORK SHALL EXTEND A MINIMUM OF 1'-0" INTO THE NEW SECTION. CONCRETE SCALE AND RUST SHALL BE REMOVED FROM EXISTING REINFORCEMENT BARS BEFORE NEW CONCRETE IS PLACED. EPOXY BONDING COMPOUND SHALL BE USED BETWEEN NEW AND EXISTING CONCRETE ON BOTH SURFACES.
4. ** REMOVE EXISTING END WALL AS SHOWN. STRAIGHTEN BAR REINFORCEMENT STEEL AND EXTEND INTO WIDENED SECTION. APPLY 3'-0" OF 3-PLY WATERPROOFING ALONG FULL DEPTH OF ENDWALL CENTERED OVER CONSTRUCTION JOINTS.
5. NON-CONTACT LAPS ARE USED BETWEEN EXISTING AND NEW TRANSVERSE DECK BARS.
6. *** FOR ANCHOR DOWELS USE HILTI HY-150 FASTENING SYSTEM OR APPROVED EQUAL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MINIMUM DOWEL EMBEDMENT DEPTH SHALL BE 1'-0". ADJUST HOLES SLIGHTLY TO AVOID EXISTING REINFORCEMENT.
7. THE CONTRACTOR SHALL VERIFY THAT REINFORCEMENT LENGTHS SATISFY CLEARANCE AND LAP REQUIREMENTS AND SHALL MAKE ADJUSTMENTS AS NECESSARY PRIOR TO ORDERING REINFORCEMENT BARS.

BRIDGE NO. 1 LT & RT

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MARIETTA, GEORGIA 30064

GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION - OFFICE OF MAINTENANCE

DECK SECTION
DISTRICT 3 BRIDGE DECK REHABILITATION
I-75 OVER SANDY MOUNT CREEK
DOOLY COUNTY CSNHS-M002-00(783)

SCALE: 3/8" = 1'-0"

AUGUST 2005

BRIDGE SHEET
5 OF 9

DATE	REVISIONS	BY

DESIGNED	TBS	CHECKED	FRB	REVIEWED	GBL
DRAWN	TBS	DESIGN GROUP		APPROVED	